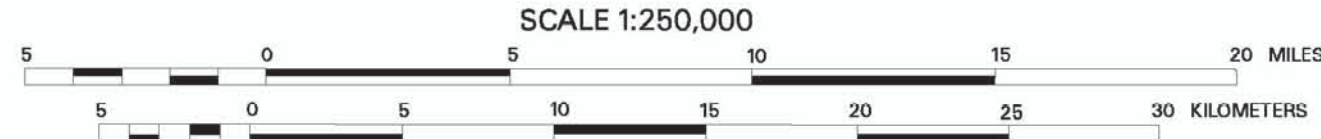


Base from USGS Tyonek (1968, limited revisions 1985)
Cantonment, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens,
and A.G. Sturmen, 2003



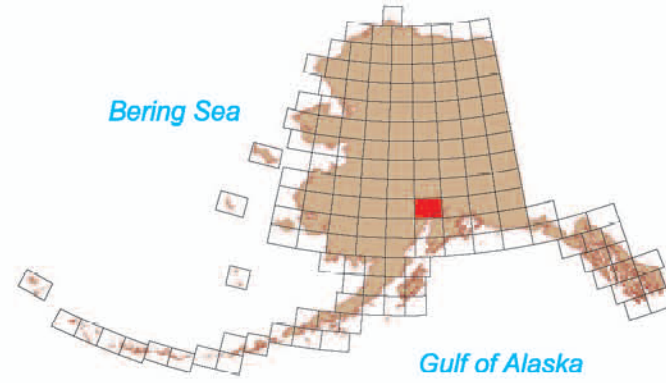
SCALE 1:250,000
CONTOUR INTERVAL 200 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1989
1985 MAGNETIC DECLINATION AT SOUTH EDGE OF MAP VARIES FROM 23°30' TO 24°30' EAST

DERIVATIVE GEOLOGIC-MATERIALS MAP OF PROPOSED TRANSPORTATION CORRIDORS IN THE TYONEK QUADRANGLE, ALASKA

compiled by

R.D. Reger, G.R. Cruse, D.S.P. Stevens, and R.L. Smith

2003



Location map for Tyonek Quadrangle

DESCRIPTION OF MAP UNITS

UNCONSOLIDATED DEPOSITS

- GM** Chiefly (estimated greater than 80%) clean sand and gravel. Rare oversized material. Includes GW and GP (Unified Soil Classification).
- GS** Mixed coarse and fine material. Estimated 20-80% coarse, granular deposits with considerable oversized material. Includes GM and GC (Unified Soil Classification).
- SA** Chiefly (estimated 80%) sand. Includes SW and SP (Unified Soil Classification).
- SM** Chiefly fine materials. Estimated greater than 80% sand, silt, and clay. Includes SM, SC, ML, MH, CL, and CH (Unified Soil Classification).
- OR** Chiefly organic materials. Estimated greater than 50% peat, organic sand, or organic silt. Includes Pt (Unified Soil Classification).

BEDROCK

- BG** Coarse-jointed, coarse-grained igneous lithologies. May be deeply weathered.
- BV** Medium-jointed, fine-grained igneous rocks and their metamorphic equivalents. May be deeply weathered.
- BU** Undifferentiated bedrock lithologies. May be deeply weathered.

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